

Name of Faculty Mr. P. SURENDAR REDDY  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 23-02-2015  
 E-mail surenderreddy\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	-	Pursuing
PG	M. Tech	Distinction
UG	B. E	Distinction

**Work Experience**

Teaching 09 Years  
 Research -  
 Industry -  
 Others -

Area of Specialization CAD/CAM, Welding

**Professional Memberships**

- 1. Member EDC from 2020 to till date.
- 2. Active member in the Alumni meet organizing committee. Yearly Alumni meet – December 2022 (Decoration committee).  
 Alumni Meet & Greet - April 2023 (Decoration committee).  
 Alumni Meet & Greet - August 2023 (Decoration committee).
- 3. Sports committee member for Sruthi fest.

**Responsibilities held at Institution Level**

- 1. Member,CEG-Design
- 2. In charge,Dept. Budget file
- 3. Dept. Honors and Additional minor's coordinator
- 4. Dept. NPTEL coordinator
- 5. Class Teacher for IV Sem F2 section.

**Research Guidance**

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**Courses Handled at Under Graduate / Post Graduate Level.**

Metrology and Instrumentation, Production and Operations Management, Introduction to Operations Management, Principles of Management, CAD & Drafting, Tool Engineering, Robotics and Drones

**No. of Papers Published**

National Journals – 00      International Journals – 04  
 National Conference – 00      International Conference – 02

**Projects Carried out**

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**Patents**

04

Technology Transfer

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Invited Speaker (Few Important/Prominent)

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No. of Books/Chapter Published with details

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Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).

1. participated in One week online FDP on “Quality Education through OBE” organized by Chaitanya Bharathi Institute of Technology (Autonomous), Gandipet, Hyderabad- 500 075, Telangana, India., in association with IEEE Education Society Student Branch Chapter CBIT during 22nd - 27th January 2024
2. Participated in AICTE recognized short term course on “2D Nanomaterials: Potential & Applications through ICT” conducted by Applied Science Department from 17.10.2022 to 21.10.2022 at CBIT. (NITTTR).
3. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on “iATP(indigenous Automatic Train Protection) system - KAVACH” from 05-09-2022 to 16-09-2022 at INDIAN RAILWAY INSTITUTE OF SIGNAL ENGINEERING AND TELECOMMUNICATIONS.
4. Attended 2week online faculty development programme on “Recent Trends in Robotics” jointly organized by Electronics and ICT academics at IIT Roorke, MNIT Jaipur, NIT Patna and PDPM IIITDM Jabalpur during 04.07.2022 to 15.07.2022.
5. Attended a three-day FDP on “Establishment and Management of Business Incubation” during 10-12 March, 2022 in association with NI-MSME, (National Institute of Micro, Small and Medium Enterprises) Ministry of MSME Govt. of India.
6. Attended a 5 day SERB online international workshop on ‘Recent Advancements in Modelling Analysis of Porous Material’ organized by department of Mechanical Engineering, NIT Suratkal from 28-2-22 to 4-3-22.
7. Attended SERB sponsored five days online workshop on ‘Recent advances in manufacturing processes for industrial applications from Feb 21-25, 2022 organised by NIT surathkal, Karnataka
8. Attended Online Elementary FDP on "Finite Element Method (with applications to solid mechanics, heat transfer and fluid mechanics)" from 17/08/2021 to 21/08/2021 at M.B.M Engineering College, Faculty of Engineering and Architecture, Jai Narain Vyas University, Jodhpur.
9. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Materials" from 01/11/2021 to 05/11/2021 at RAVENSHAW UNIVERSITY.
10. Completed one-month online internship in RESEARCH TRAINING from 05.07.2021 to 05.08.2021 (weekdays only) organized by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC).
11. AICTE Sponsored one week online Short-Term Training Program (STTP - Phase-III) on “Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing”,

organized by Department of Mechanical Engineering, KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY, Guntur, Andhra Pradesh from 26th July 2021 to 31st July 2021.

12. Attended One week faculty development program on “Effective Research Writing using LaTeX” organized by Pragathi Engineering College in association with Spoken Tutorial, IIT Bombay, from 22.06.2020 to 27.06.2020.
13. Attended One week faculty development program on “Industry 4.0 – A Vision of Design and Manufacturing” organized by CBIT, from 16.06.2020 to 20.06.2020.
14. Attended AICTE recognized One week faculty development program on “Outcome based curriculum design” organized by NITTTR Chandigarh from 01.06.2020 to 05.06.2020.
15. Attended One week faculty development program on “Outcome Based Education and NBA Accreditation process (UG)” organized by CBIT, from 28.05.2020 to 01.06.2020.
16. Attended AICTE recognized One week faculty development program on “Computer Integrated manufacturing and CNC (CIM/CNC)” organized by NITTTR Chandigarh from 25.05.2020 to 29.05.2020.
17. Attended AICTE recognized one week faculty development program on “Modeling and Simulation using MATLAB” organized by NITTTR Chandigarh from 18.05.2020 to 22.05.2020.
18. Attended One-week faculty development program on “Finite element methods for beginners” organized by Chitkara University from April 20-24, 2020.
19. Attended One Week STTP through ICT mode on “Development of laboratory instruction and manual” organized by NITTTR Kolkata from Feb 04-08, 2019.
20. Attended One-week workshop on “Computational fluid sciences” organized by CBIT, under TEQIP II from 6th to 13th April 2016.

Details of  
Conferences  
International)

Journal Publications/  
(National and

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### International Journal

1. P Surendar Reddy, Dr. Rahul, N Jyothirmayi "Analysis on Manufacturing Automated Guided Vehicle for MSME Projects and its Fabrication" Journal of Xi'an University of Architecture & Technology Volume XIII, Issue 6, 2021 ISSN No : 1006-7930.
2. N Venkateswara Rao, Dr. Rahul, P Surendar Reddy "Examination and Analysis of Thermal Stream Boiler using Power Plants" Journal of Xi'an University of Architecture & Technology Volume XIII, Issue 6, 2021 ISSN No : 1006-7930.
3. D.Ravi, P.Surendar Reddy "A Study On Computational Fluid Dynamics And Its Applications In The Role Of Mesh Generation, Adaptation, And Refinement On The Featuring Strong Shocks" Muktsabd Journal Volume X, Issue Vi, June/2021 Issn No : 2347-3150.
4. Dr. L. Suresh Kumar, Mr. V. Jaipal Reddy & P. Surendar Reddy "Investigation On Mechanical Properties Of Ferritic And Austenitic Stainless Steels Joint (Dissimilar) Using Plasma Arc Welding" International Journal Of Mechanical And Production Engineering Research And Development (Ijmpred) Issn (P): 2249 6890; Issn (E): 2249 8001 Vol. 10, Issue 3, Jun 2020, 6263-6270 © Tjpr Pvt. Ltd.

### International Conferences:

1. Mani Santosh Vora, P Surendar Reddy, L. Ramayee, Ch. Indira Priyadarsini "Effect of mechanical properties for bone tissue scaffold" International conference on technological innovations in mechanical engineering. ISBN 978-93-81692-07-1, 10th-11th feb, 2016.
2. L.Ramayee, Ch.V.Sushma, Dr.P.Ravinder Reddy, P Surendar Reddy "Design and analysis of bus seat recliner" International journal on mechanical engineering and robotics ISSN(Print)2321-5747, Volume-4, Issue-4, 2016.

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